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DATE: October 4, 2007

TO: Office of Initial Patent Examination  
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Fax No.: (571) 273 8300

FROM: Charles L. Gagnebin III

No. of pages transmitted  
(including this page): 9

Our File: BU-120XX

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Application No. 10/593,655

Filed Date: May 29, 2007

Confirmation No.: 2977

A confirmation copy of this transmission will not be mailed unless the following is checked: ☐  
MESSAGE**FOR ENTRY**

Enclosed for filing please find a: Letter Re: Correction of Filing Receipt

The Commissioner is hereby authorized to Charge Deposit Account No. 23-0804 for any additional filing fees associated with this communication or credit any overpayment.

  
Attorney for Applicant: Charles L. Gagnebin III  
Registration No. 25,467**THIS MESSAGE MAY CONTAIN CONFIDENTIAL OR PRIVILEGED INFORMATION INTENDED ONLY FOR THE PERSON(S) IDENTIFIED ABOVE. IF IT HAS BEEN RECEIVED AT ANY OTHER PLACE OR HAS NOT BEEN CLEARLY RECEIVED, PLEASE CALL THE ABOVE IDENTIFIED SENDING PARTY COLLECT FOR INSTRUCTIONS. DO NOT SHOW OR DISTRIBUTE THIS MESSAGE TO ANYONE OTHER THAN THE INTENDED RECIPIENT(S). THANK YOU.**

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OCT 04 2007

Rev 09/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Todd W. Murray  
Application No. : 10/593,655  
Filed : May 29, 2007  
Confirmation No. : 2977  
For : CHARACTERIZATION OF MICRO- AND NANO SCALE  
MATERIALS BY ACOUSTIC WAVE GENERATION WITH  
A CW MODULATED LASER  
Attorney's Docket : BU-120XX

TC Art Unit:2877

\*\*\*\*\*  
I hereby certify that this correspondence is being sent via  
facsimile to: Office of Initial Patent Examination, Filing Receipt  
Corrections, Fax No. (571) 273 8300 on 10-14-7

By: 

Charles L. Gagnebin III  
Registration No. 25,467  
Attorney for Applicant(s)

\*\*\*\*\*

LETTERRE: CORRECTION OF FILING RECEIPT

VIA FACSIMILE  
Office of Initial Patent Examination  
Filing Receipt Corrections  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reviewing the Filing Receipt (copy enclosed) for the  
above-identified patent application, the following error was  
noted:

WEINGARTEN, SCHURGIN,  
GAGNEBIN & LEROVICI LLP  
TEL (617) 542-2290  
FAX (617) 451-0313

Application No.: 10/593,655  
Filed: May 29, 2007  
Attorney Docket No: BU-120XX  
Confirmation No.: 2977

(1) Applicant: Todd W. Murray, Brookline, MA  
should read:

Applicant: Todd W. Murray, Roslindale, MA

Also enclosed herewith, for your reference, is a copy of the  
executed Declaration as submitted on May 29, 2007.

Kindly correct the error of the Patent and Trademark Office  
and issue a corrected Filing Receipt.

Respectfully submitted,

TODD W. MURRAY

By: 

Charles L. Gagnebin III  
Registration No. 25,467  
Attorney for Applicant(s)

WEINGARTEN, SCHURGIN,  
GAGNEBIN & LEBOVICI LLP  
Ten Post Office Square  
Boston, Massachusetts 02109

Telephone: (617) 542-2290  
Telecopier: (617) 451-0313

CLG/aft/357846:1  
Enclosure

- 2 -

WEINGARTEN, SCHURGIN,  
GAGNEBIN & LEBOVICI LLP  
TEL (617) 542-2290  
FAX (617) 451-0313



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/593,655	05/29/2007	2877	365	BU-120XX	20	1

CONFIRMATION NO. 2977

207  
 WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP  
 TEN POST OFFICE SQUARE  
 BOSTON, MA 02109

## FILING RECEIPT



\*OC00000025459170\*

Date Mailed: 08/21/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Todd W. Murray, Brookline, MA;

Power of Attorney: The patent practitioners associated with Customer Number 207.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US05/09726 03/23/2005  
 which claims benefit of 60/555,427 03/23/2004

## Foreign Applications

If Required, Foreign Filing License Granted: 08/19/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/593,655**

Projected Publication Date: 11/29/2007

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

Si  
 11/29/2007  
 d.

OCT 04 2007

**Title**

Characterization of Micro- and Nano Scale Materials By Acoustic Wave Generation With a Cw Modulated Laser

**Preliminary Class**

356

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Attorney  
Docket No.: BU-120XX

DECLARATION AND POWER OF ATTORNEY

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OCT 04 2007

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CHARACTERIZATION OF MICRO- AND NANO SCALE MATERIALS  
BY ACOUSTIC WAVE GENERATION WITH A CW MODULATED LASER**

The specification of which (check one):

☐ is attached hereto ☒ was filed on September 21, 2006 as Application No. 10/593,655;  
amended on \_\_\_\_\_ (if applicable).

☒ was filed as PCT International. Appl. No. PCT/US05/09726 on March 23, 2005,  
and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations §1.56.

I hereby claim foreign priority benefits under Title 35, USC §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
<u>(Number)</u> <u>(Country)</u>	<u>(Day/Month/Year)</u>	<input type="checkbox"/> <input type="checkbox"/> Yes      No
<u>(Number)</u> <u>(Country)</u>	<u>(Day/Month/Year)</u>	<input type="checkbox"/> <input type="checkbox"/> Yes      No
<u>(Number)</u> <u>(Country)</u>	<u>(Day/Month/Year)</u>	<input type="checkbox"/> <input type="checkbox"/> Yes      No

I hereby claim the benefit under Title 35, USC §119(e) of any United States provisional application(s) listed below:

<u>60/555,427</u>	<u>March 23, 2004</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

— Express Mail No.  
EV 560127135 US —

Page 2 of 2

Attorney  
Docket No.: BU-120XX

I hereby claim the benefit under Title 35 USC §120 of any United States or International application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Patented/pending/abandoned)
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(Application No.)	(Filing Date)	(Patented/pending/abandoned)
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(Application No.)	(Filing Date)	(Patented/pending/abandoned)
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**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the Attorneys associated with Customer Number 00207 to prosecute this application and transact all business connected therewith in the Patent and Trademark Office, and to file with the USRO any International Application based thereon.

The following Attorneys are associated with Customer Number 00207:

Stanley M. Schurgin, Reg. No. 20,979  
Charles L. Gagnebin III, Reg. No. 25,467  
Victor B. Lebovici, Reg. No. 30,864  
Holliday C. Heine, Reg. No. 34,346

Gordon R. Moriarty, Reg. No. 38,973  
Beverly E. Hjorth, Reg. No. 32,033  
Richard E. Gamache, Reg. No. 39,196  
Thomas O. Hoover, Reg. No. 32,470

Address all correspondence to:

[X] Customer Number 00207

which is associated with the Law Firm of:  
WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP  
Ten Post Office Square  
Boston, Massachusetts 02109  
United States  
Telephone: (617) 542-2290 Fax: (617) 451-0313

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First/Sole Inventor:		
TODD W. MURRAY		
City of Residence	State or Country	Country of Citizenship
Brookline	Massachusetts	United States
Post Office Address	City	State or Country Zip Code
16 Montclair Ave 175 Freeman Street	Roslindale Brookline	Massachusetts 02131 02446
Signature: (Please sign and date in permanent ink.)		Date signed:
X Todd Murray		X 3/19/07

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Rev 10/04

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECORDATION FORM COVER SHEET  
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1. Name of conveying party(ies)

Todd W. Murray

Additional name(s) of conveying party(ies)  
attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: THE TRUSTEES OF BOSTON UNIVERSITY

Street Address: One Sherborn Street

City: Boston State: MA Zip: 02215

Country: United States

Additional name(s) & address(es) attached? ☐ Yes  
☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of  
Name

☐ Other

Execution Date: March 19, 2007

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. (s)  
10/593,655 filed 9/21/07

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom  
correspondence concerning document should  
be mailed:

Weingarten, Schurgin,  
Gagnebin & Lebovici LLP  
Ten Post Office Square  
Boston, Massachusetts 02109

6. Total number of applications and patents

Involved [1]

7. Total fee (37 CFR 3.41) .... \$40.00

☒ Enclosed

☐ Authorized to be charged to

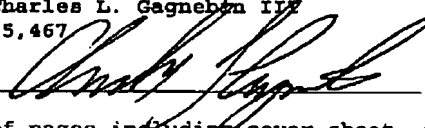
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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Attorney Name: Charles L. Gagnebin III  
Registration No. 25,467

Signature:   
CLG/dkh/352541.1

Date: 5-29-7

Total number of pages including cover sheet, attachments, and document: [3]

Attorney Docket No. BU-120XX

Mail documents to be recorded with required cover sheet information to:

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